

Title: "Compositions of Polyacids and Polyethers and Methods for..."

Docket No.: FZIO-1000US4 DBB Inventor: Herbert E. Schwartz

Appln. No.: 09/472,110 Attorney: D. Benjamin Bors.

Confirm No: 8339 Phone: (415) 362-3800

Express Mail No.: EV4528203

Attorney: D. Benjamin Borson Phone: (415) 362-3800 Express Mail No.: EV452820347US

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A pH = 7	CPS O = C O	PE WOWOWOWOW	INTERACTION
B pH < 2	O = OH	Wowowow	JLLY HYDROGEN BONDED
<b>C</b> pH ( 2.5-5 )	O= C - OH	₩0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TIALY HYDROGEN BONDED

FIG.-1

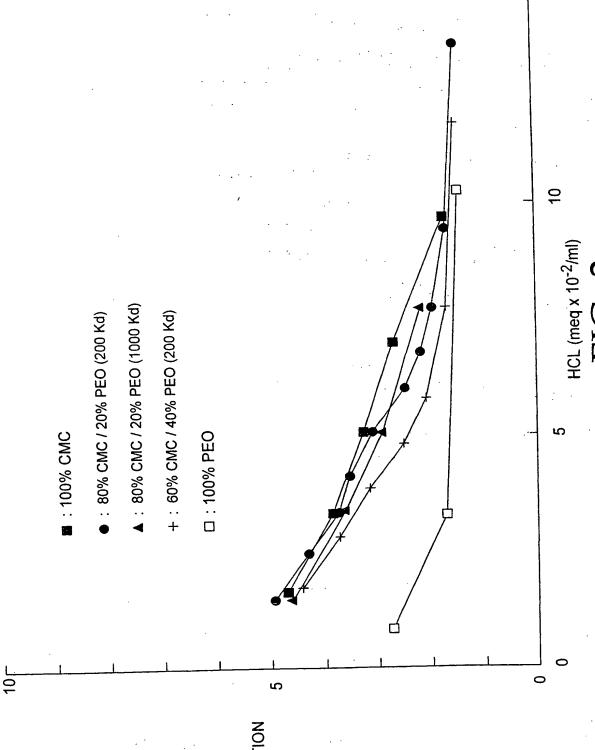
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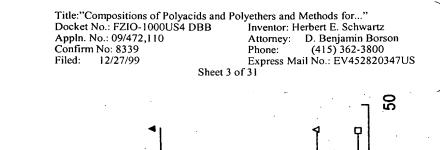
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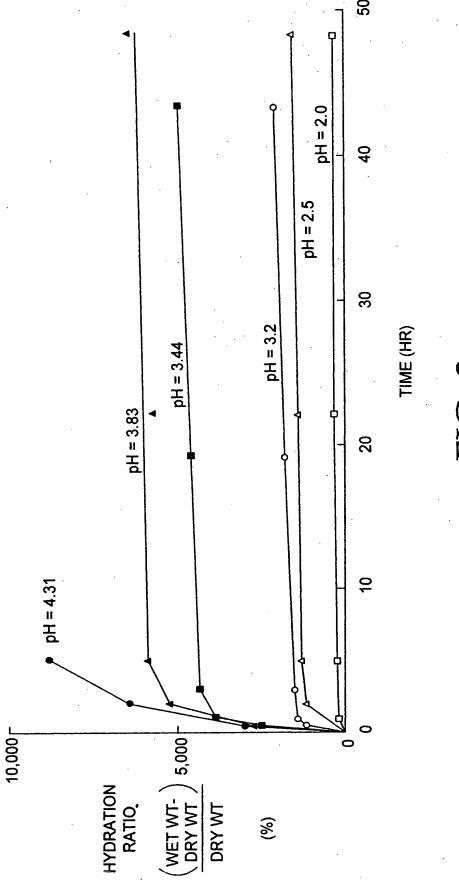
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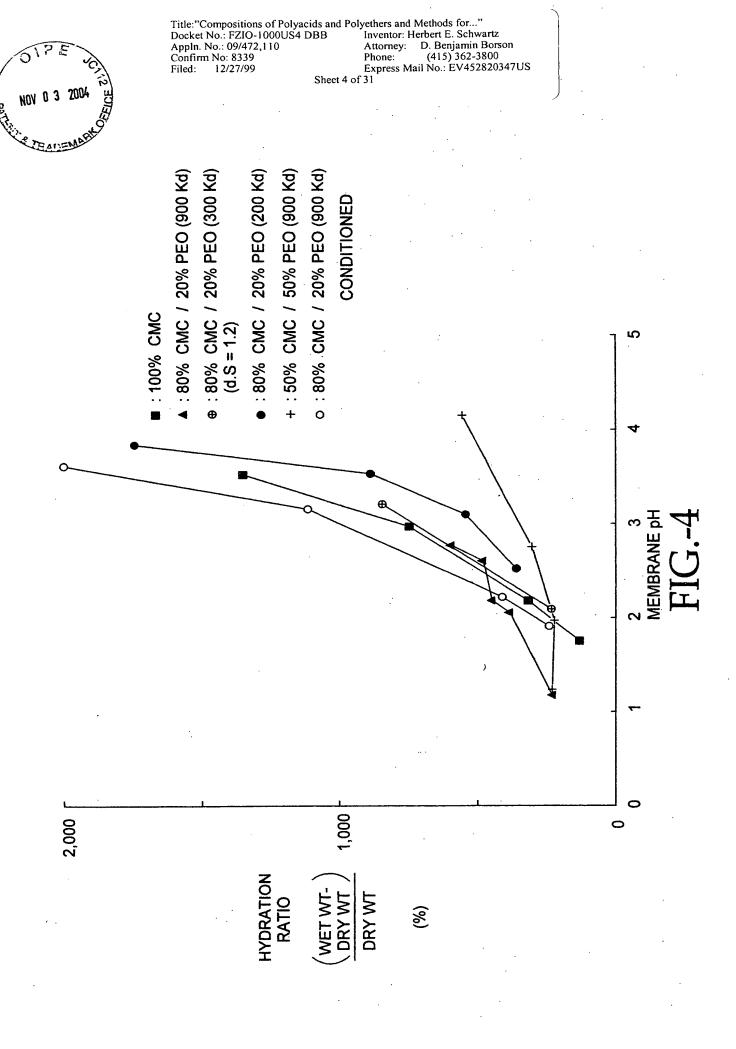


15

SOLUTION Hd NOV 0 3 2004 DO







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Phone: TYPE-108-080047 Express Mail No.: EV452820347US 12/27/99 Filed: Sheet 5 of 31 (d.S = 1.12) / 20% PEO (300 Kd) : 50% CMC (7 MF) / 20% PEO (900 Kd) CMC / 50% PEO (900 Kd) 80% CMC / 20% PEO (900 Kd) 80% CMC / 20% PEO (200 Kd) 9 S 100% CMC CMC 20% 80% MEMBRANE PH 20 (% ORIGINAL WEIGHT REMAINING) MEMBRANE SOLUBILITY

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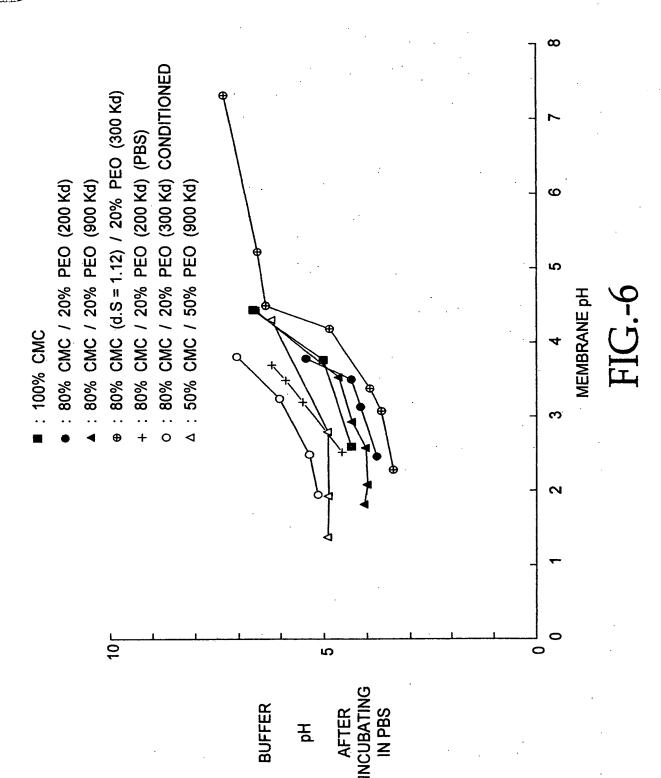
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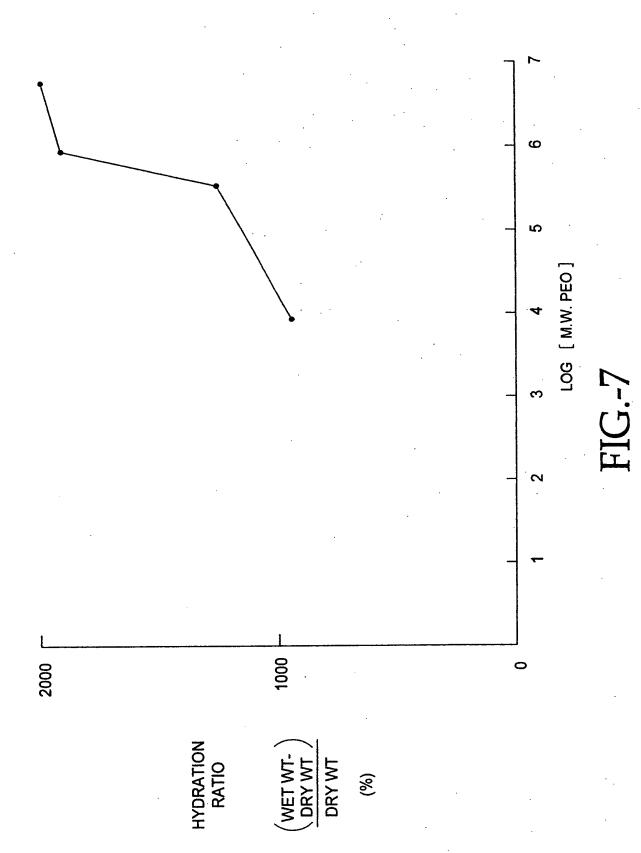
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Attorney: D. Benjamin Borson

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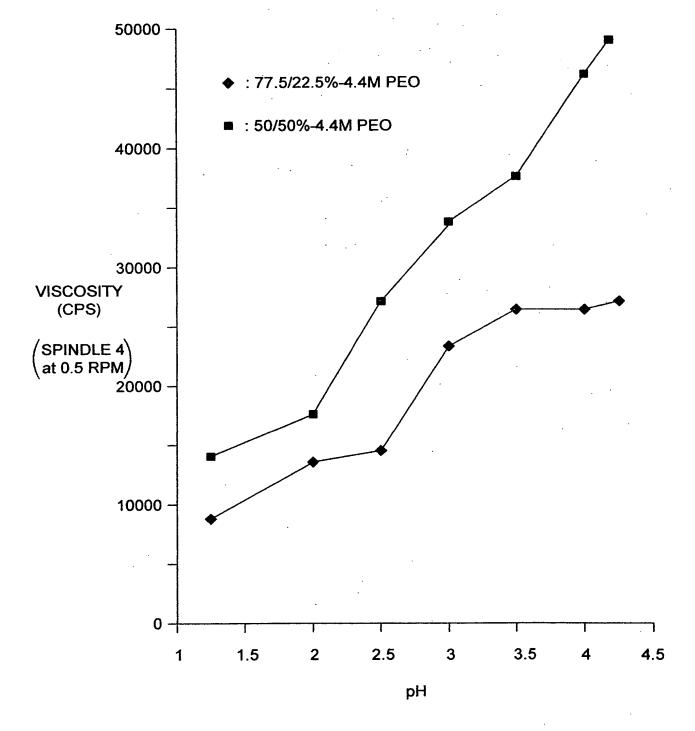


FIG.-8a

Title:"Compositions of Polyacids and Polyethers and Methods for..."

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12/27/99

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Attorney: D. Benjamin Borson
Phone: (415) 362-3800
Express Mail No.: EV452820347US

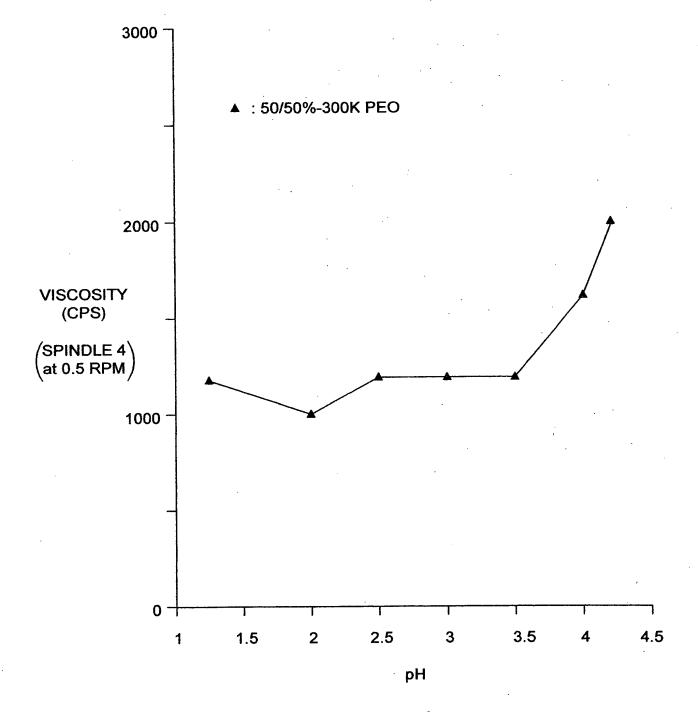
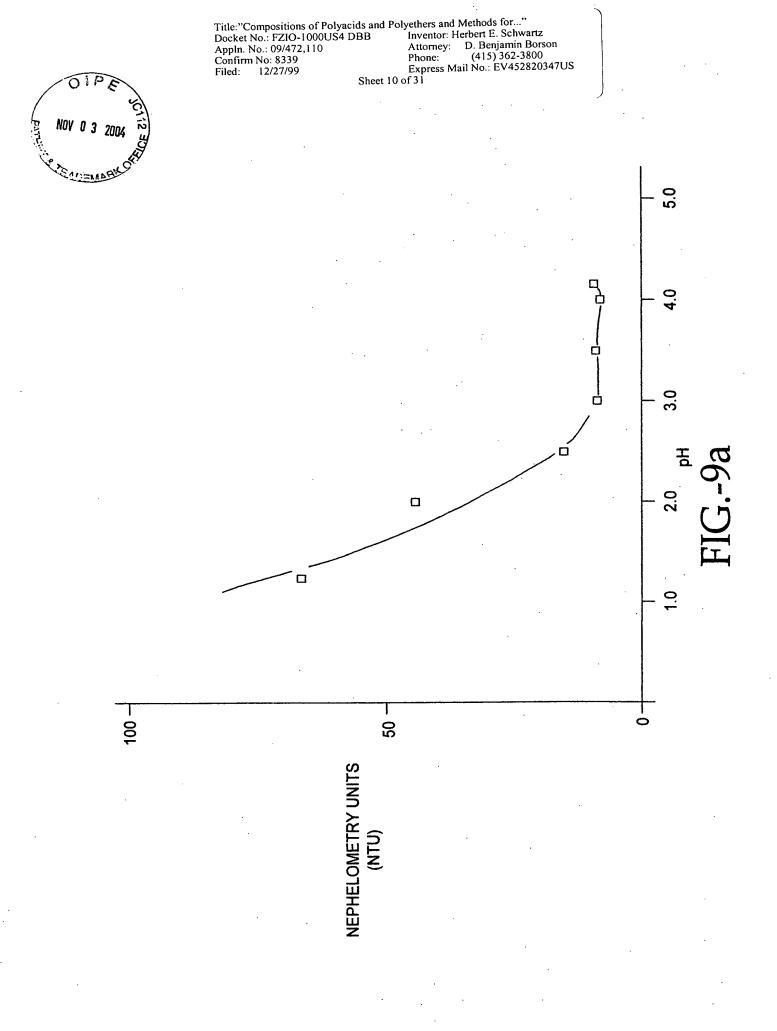


FIG.-8b



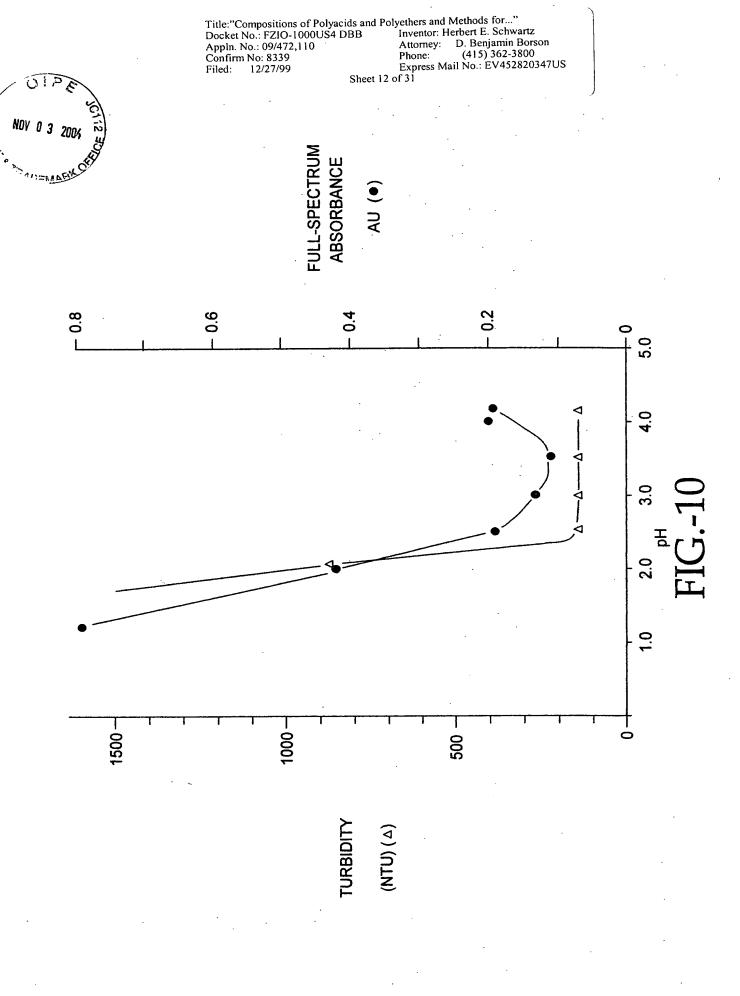
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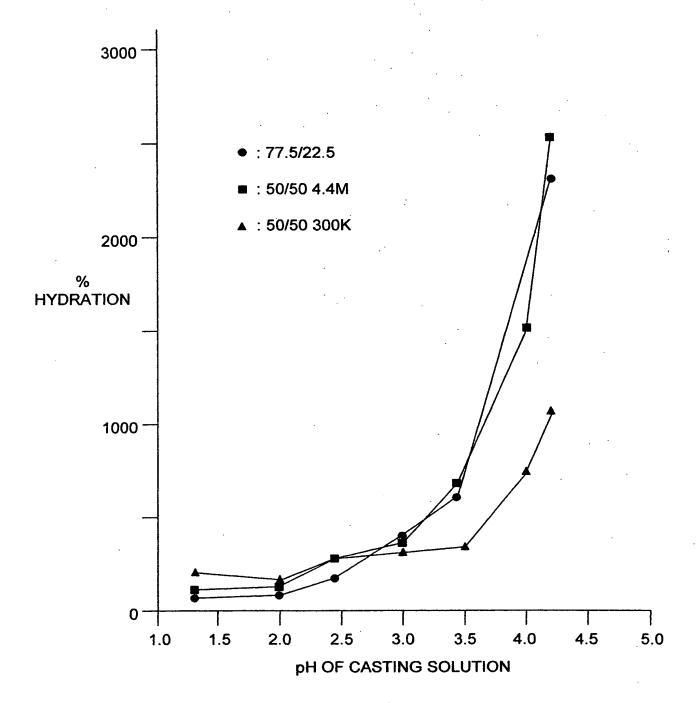


FIG.-11a

Title:"Compositions of Polyacids and Polyethers and Methods for..."

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Attorney: D. Benjamin Borson
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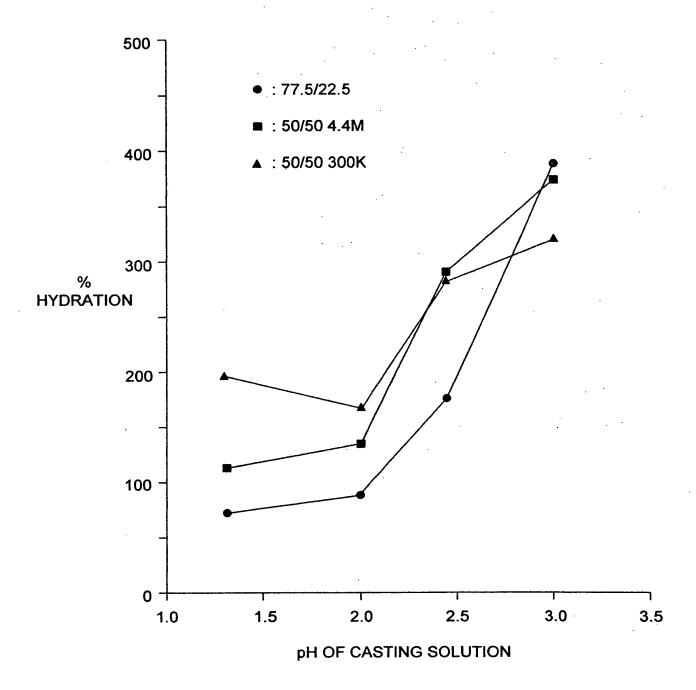


FIG.-11b

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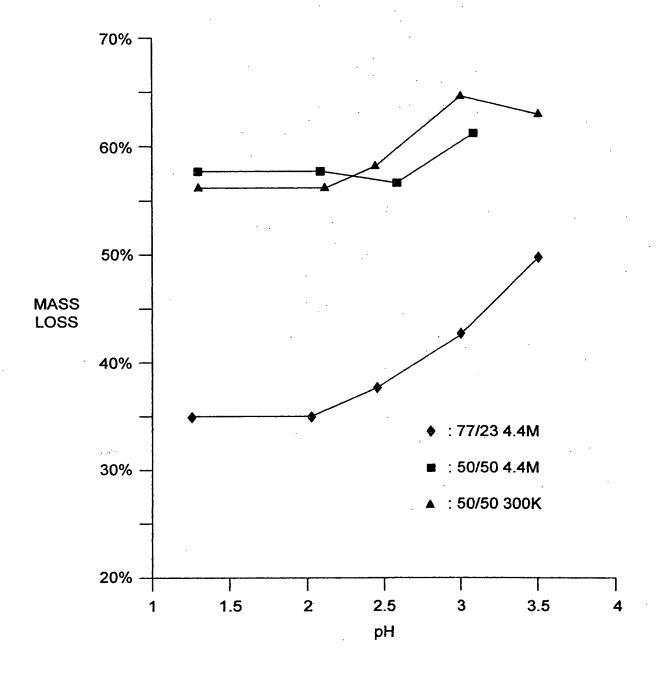


FIG.-12

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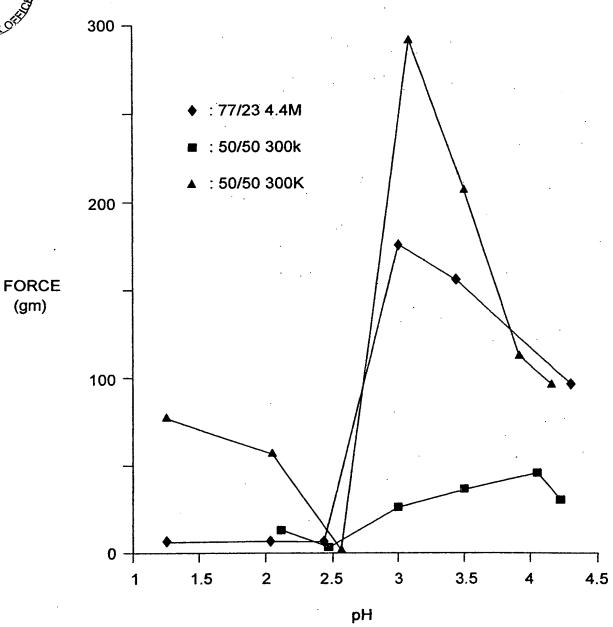


FIG.-13a



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Appln. No.: 09/472,110 Attorney: D. Benjamin Borson

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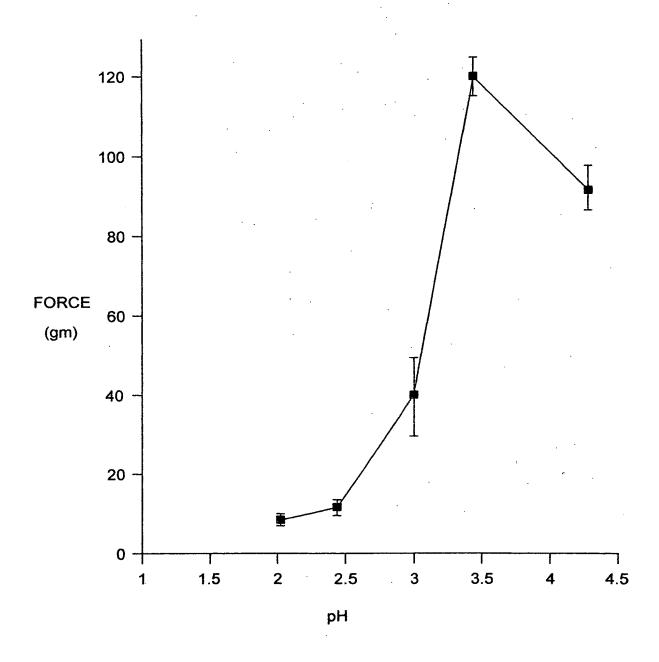


FIG.-13b

Title:"Compositions of Polyacids and Polyethers and Methods for..."

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Attorney: D. Benjamin Borson
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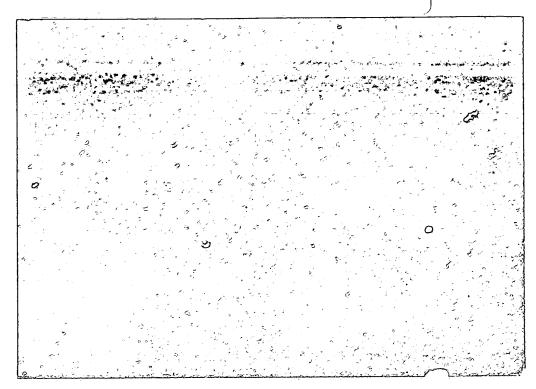


FIG. 14a

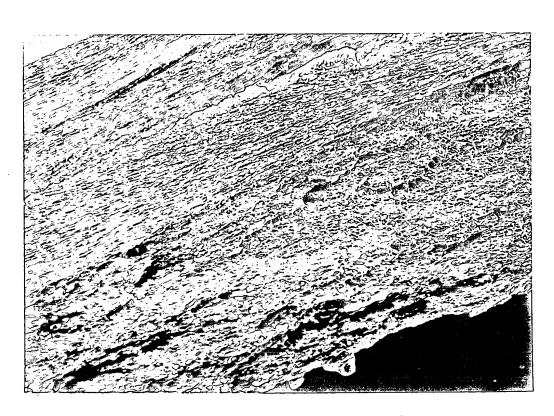


FIG. 14b



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FIG. 15a

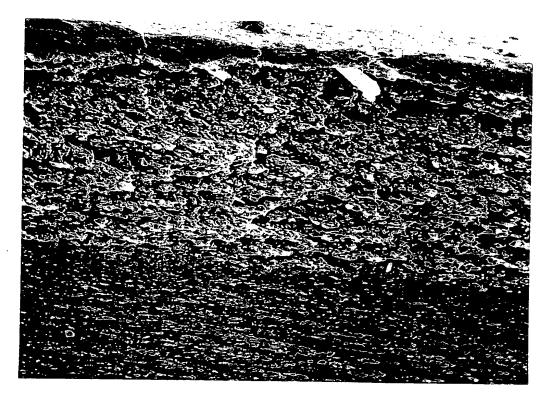


FIG. 15b

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FIG. 16a

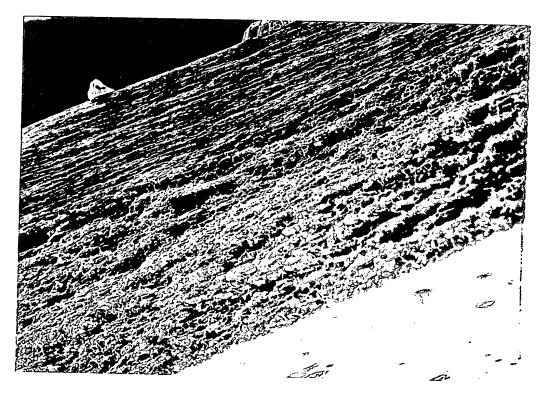


FIG. 16b



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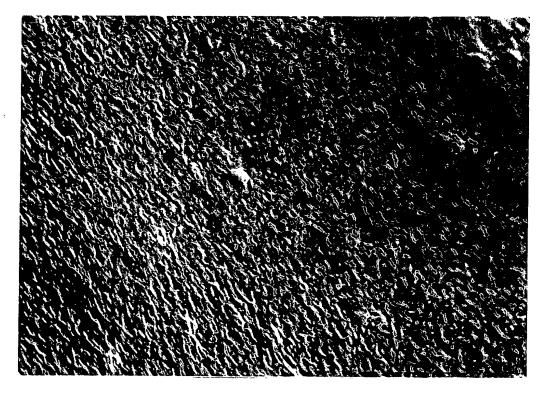


FIG. 17a

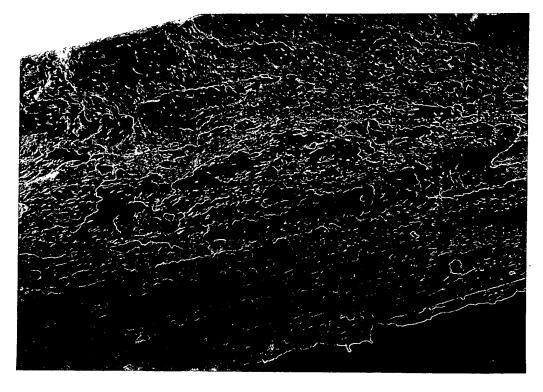


FIG. 17b

Title:"Compositions of Polyacids and Polyethers and Methods for..."

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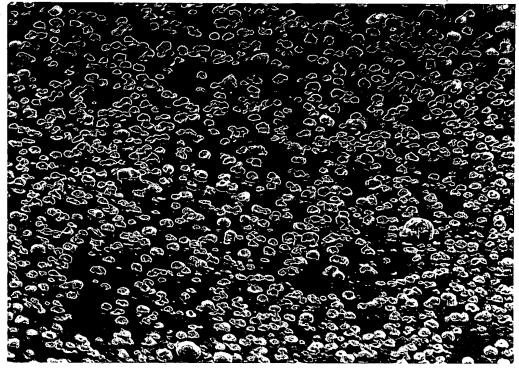


FIG. 18a

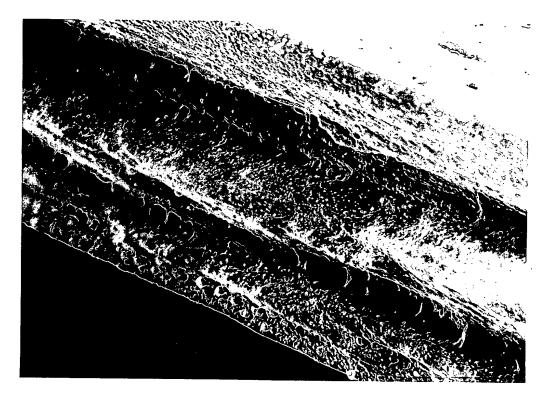


FIG. 18b



Title:"Compositions of Polyacids and Polyethers and Methods for..."

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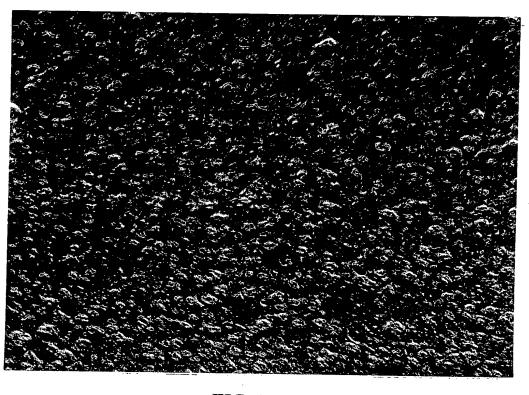


FIG. 19a

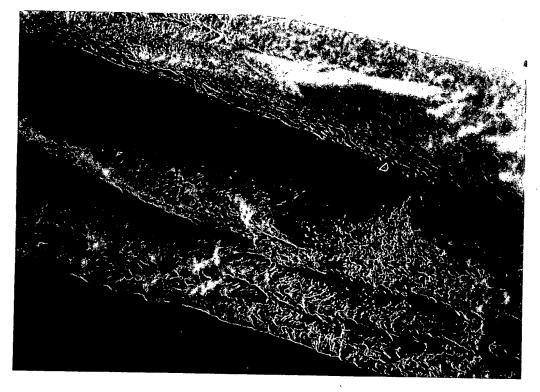


FIG. 19b



Title:"Compositions of Polyacids and Polyethers and Methods for..."

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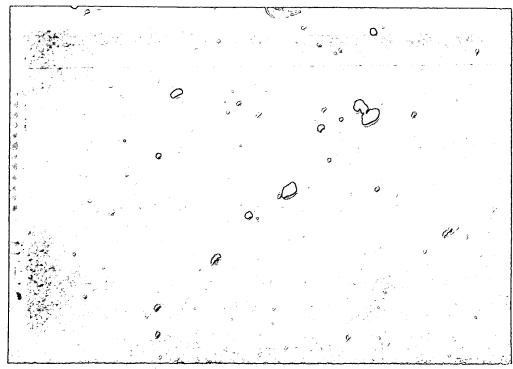


FIG. 20a

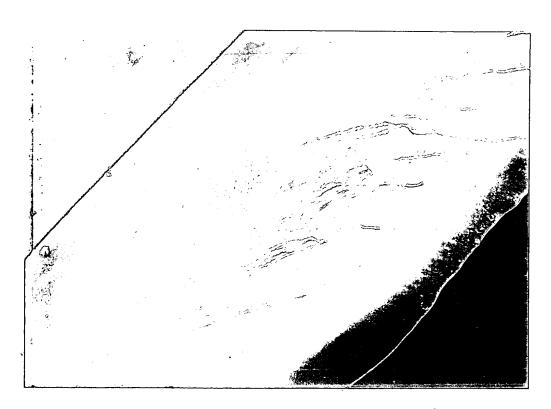


FIG. 20b

Title:"Compositions of Polyacids and Polyethers and Methods for..."

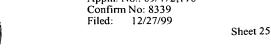
Docket No.: FZIO-1000US4 DBB Inventor: Herbert E. Schwartz

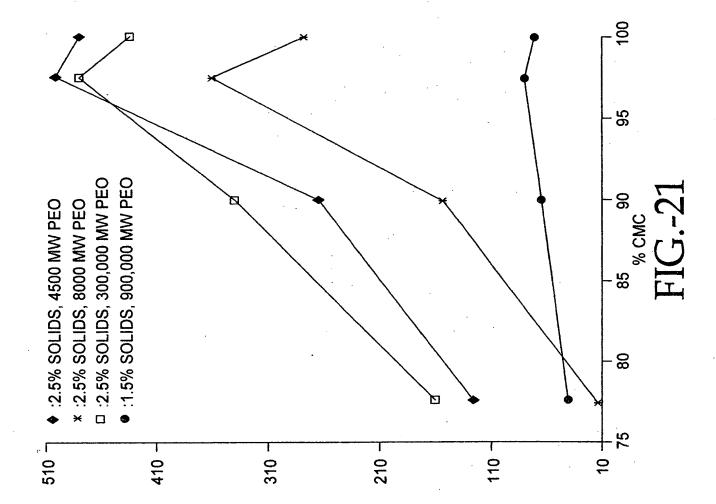
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VISCOSITY (CPS x10<sup>3</sup>) (FOR NON-AUTOCLAVED GELS)

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Appln. No.: 09472,110 Attorney: D. Benjamin B

Confirm No: 8339

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Inventor: Herbert E. Schwartz Attorney: D. Benjamin Borson Phone: (415) 362-3800 Express Mail No.: EV452820347US

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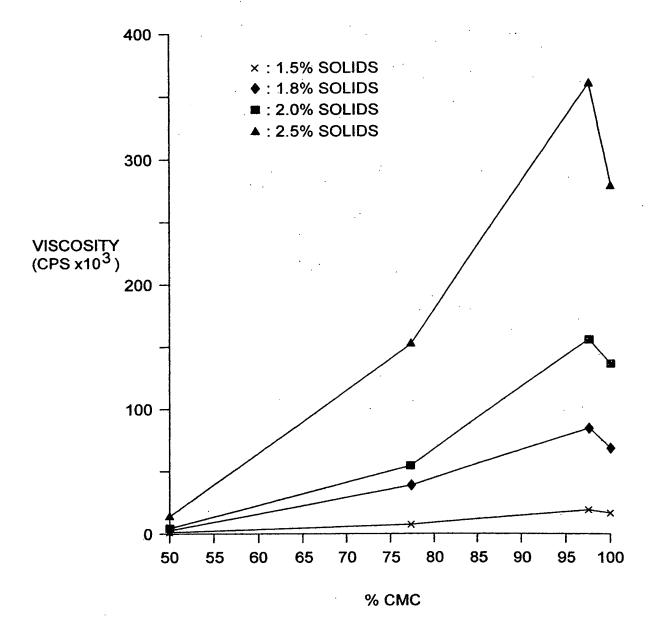
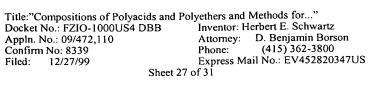
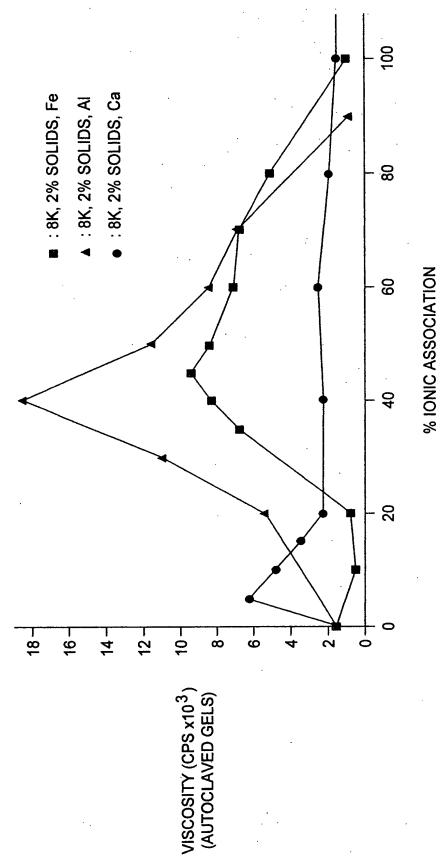
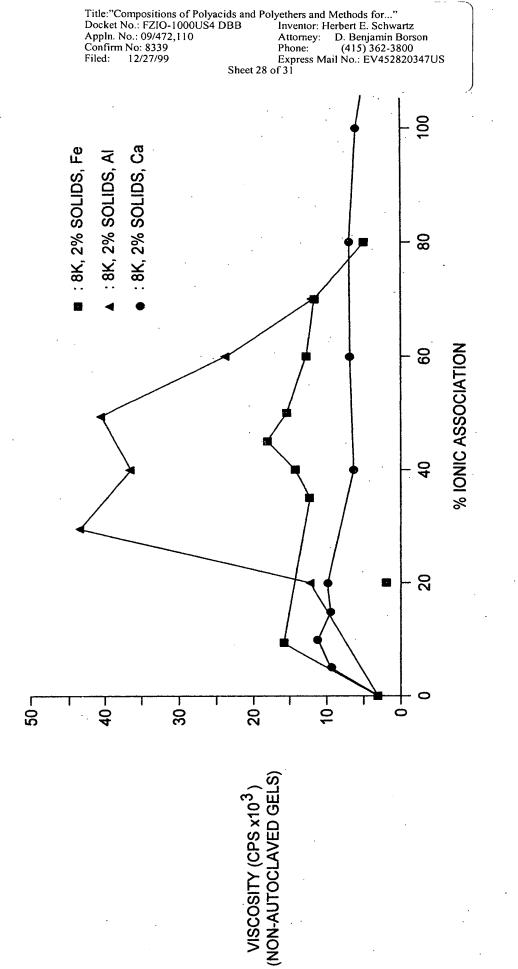


FIG.-22







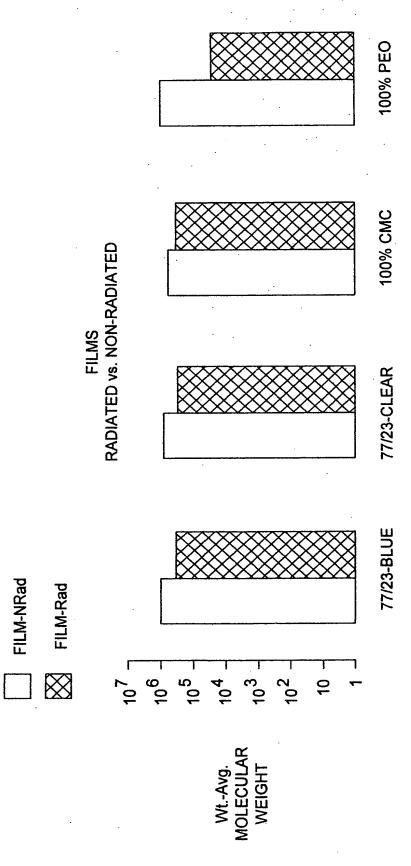
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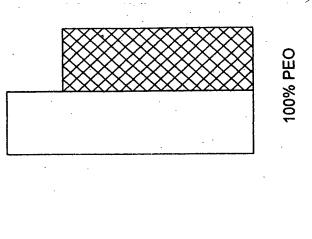
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STANDARDS RADIATED vs. NON-RADIATED

STANDARDS-NRad

STANDARD-Rad





100% CMC

77/23-CLEAR

9

CAST-AUTOCLAVED

CAST-NRad

CAST-Rad

 $\boxtimes$ 

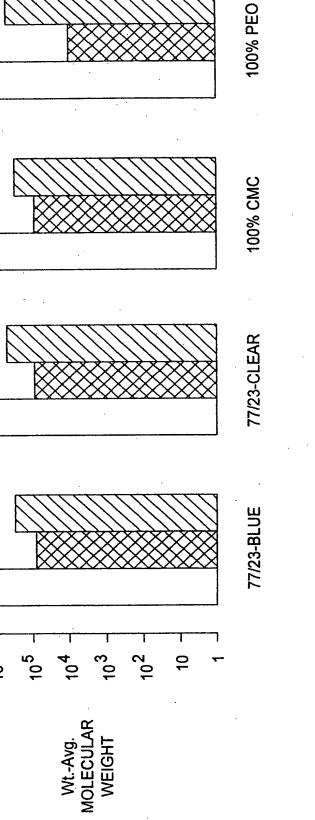


FIG.-25c